

Claims:

1. An ostomy device for attachment to the body, the device including at least one
5 component having an adhesive thereon that adheres said at least one component to the body and/or to another component of the device, said adhesive comprising one or more polysiloxanes, or one or more polysiloxanes and at least one silicate resin including their blends and reaction products.
- 10 2. The ostomy device of claim 1 having one or two components.
3. The ostomy device of claim 1 wherein said adhesive includes between about 5% and about 65% hydrocolloids.
- 15 4. The ostomy device of claim 2 wherein one of said components is a body attaching component.
5. The ostomy device of claim 1 wherein said adhesive comprises one or more polysiloxanes selected from the group consisting of polydimethylsiloxane,
20 polymethylphenylsiloxane, polydimethyldiphenylsiloxane, polydimethylmethylphenylsiloxane, polydiphenylmethylphenylsiloxane, polyalkylsiloxanes, polyorganosiloxanes, diorganopolysiloxane gums, or copolymers or combinations thereof.
- 25 6. The ostomy device of claim 1 wherein said adhesive is blended with a plasticizing oil.
7. The ostomy device of claim 6 wherein said plasticizing oil is polydimethylsiloxane.
- 30 8. The ostomy device of claim 1 wherein the polysiloxane or the adhesive is blended, treated or reacted with one or more silicate resins.

9. The ostomy device of claim 8 wherein any of the silicate resins comprises tetrakis (trimethylsiloxy) silicate, a trimethylsiloxy and hydroxy end-blocked silicate structure, or a silicate resin of the form tetrakis (trialkylsiloxy) silicate, optionally having silanol functionality or otherwise substituted with hydroxyl groups, and combinations thereof.
10. The ostomy device of claim 1 wherein said adhesive includes material having silanol functionality.
11. The ostomy device of claim 1 wherein the ratio of silicate resin to polysiloxane is between about 75:25 and about 25:75.
12. The ostomy device of claim 1 further including additional plasticizers, tackifiers, catalysts or other property modifiers including organic esters, siloxylated diols, hydrocarbon plasticizers, calcium or magnesium stearate, amorphous precipitated silica, fumed silica, and ethyl cellulose, or combinations thereof.
13. The ostomy device of claim 12 wherein the plasticizer, tackifier or other property modifier is a silanol, silane, siloxane, or silicate.
14. The ostomy device of claim 1 wherein said adhesive contains a medicament for treatment or protection of peristomal skin.
15. The ostomy device of claim 12 wherein the plasticizing component comprises from about 0.5 to about 20 percent of the solvent free dry adhesive formulation.
16. The ostomy device of claim 1 having two components adhesively and separately coupleable wherein one component includes an adhesive coated film or foam having a peel strength from a polyethylene or ethylene copolymer film between 0.5 and 9.0 Newtons/inch using the test method of ASTM D3330 wherein a stainless steel substrate is replaced by polyethylene or ethylene copolymer film.

17. The ostomy device of claim 1 having a body attaching component and an effluent
of fluid containing component and wherein the peel strength of the adhered
portions of the body attaching component and the effluent or fluid containing
component is between 0.5 and 9.0 Newtons/inch as measured per ASTM D3330,
5 wherein a stainless steel substrate is replaced by a film used on a component.
18. The ostomy device of claim 1 wherein the adhesive has a coat weight between
about 10 grams/square meter and about 150 grams per square meter.
- 10 19. The ostomy device of claim 1 having one component wherein said one component
includes a unitary pouch and body wafer.
20. The ostomy device of claim 2 having two components wherein said two
components include a separable pouch and body wafer.

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